

IN THE TITLE

Please change the title from “Integrated Monolithic Electronic Component for Connection on an Internet Network” to -- Single Chip Monolithic Integrated Modem With Built In Internet Functionality--.

IN THE SPECIFICATION

Please replace paragraph [0035] with the following:

-- ~~Supervision~~ Supervisory Layer

The invention described above relates to the joint integration of an Internet protocol array and a modem program (or more generally a signal processing program allowing data transmission on a physical medium, as described above) in a single DSP processor. It is also possible to integrate, in the same DSP and above the protocol array, a third piece of software, called a "~~supervision~~ supervisory layer" making it possible:

- on the one hand, to convert data, exchanged by the DSP with the equipment in which it is integrated, into data contained within messages exchanged with a remote system through the Internet, and for this to happen in both transmission directions (send and receive),
- on the other hand, to generate outgoing calls automatically to the Internet service provider for the purpose, for example, of sending an electronic message or verifying the possible receipt of an electronic message.--

Please replace paragraph [0037] with the following:

--Additionally, the ~~supervision~~ supervisory layer may be responsible for guaranteeing that a datum has in fact been sent to a remote system, by using acquittal messages, and by generating callbacks to the Internet service provider, where necessary.--